



25 χρόνια

ΕΙΧΗΜΥΘ: 1984 - 2009

ΣΕΜΙΝΑΡΙΟ  
ΣΕΜΙΝΑΡΙΟ

## Διακεκριμένη Ομιλία

**ΟΜΙΛΗΤΗΣ: George Stephanopoulos**

Arthur D. Little Professor of Chemical Engineering  
Department of Chemical Engineering, Massachusetts Institute of Technology, USA

**ΤΙΤΛΟΣ: After 25 Years, Where to Next?**

**ΤΟΠΟΣ:** Αίθουσα Σεμιναρίων ΙΤΕ/ΕΙΧΗΜΥΘ

**ΗΜΕΡΟΜΗΝΙΑ:** Παρασκευή, 18 Σεπτεμβρίου 2009

**ΩΡΑ:** 18:00

### **Biographical Sketch: George Stephanopoulos**

George was born in Kalamata, Greece, in 1947. He received his Diploma in Chemical Engineering from National Technical University of Athens in 1970, and his M.E. from McMaster University in 1971. During the period 1971-1974 he worked with Art Westerberg at the University of Florida on his PhD degree. After graduation from the University of Florida, he joined the University of Minnesota as Assistant Professor of Chemical Engineering. He was promoted to Associate Professor in 1977 and Professor in 1981. In September of 1980 he took on a chaired professorship at his Greek alma matta and taught there until January 1984, when he joined the faculty at MIT; first as the J. R. Mares and then as the A. D. Little Professor of Chemical Engineering. During the period 2000-02 he took a leave of absence from MIT and was appointed Chief Technology Officer and Managing Executive Officer of Mitsubishi Chemical Corporation (MCC). After his return to MIT he continued as Managing Director, Member of the Board of MCC until 2005.

George's research and teaching interests have covered many aspects of Process Systems Engineering, such as: process synthesis; process modeling and analysis; process optimization; process operations modeling, analysis, diagnosis, and control; process operations scheduling and planning. His systems engineering interests led him into a variety of other types of systems, addressing research issues related to the design, analysis, control, optimization of the corresponding systems: networks of chemical or biochemical reactions; integrated manufacturing systems within the scope of a national economy

Το σεμινάριο του διακεκριμένου Καθηγητή George Stephanopoulos εντάσσεται στο πλαίσιο εορτασμού των 25 χρόνων από την ίδρυση του ΙΤΕ/ΕΙΧΗΜΥΘ.



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or corporate business; city traffic networks and intercity transportation networks; systems approaches to the design and manufacturing of products; and process systems engineering for integrated nanoscale processes (his current focus and love).

George is a member of the NAE ('99), Foreign Member of Russian Academy of Technological Sciences ('91), and received an Honorary Doctor of Science degree from McMaster University ('02). He is a Fellow of AIChE and has received the Walker ('03) and Colburn ('82) awards. He was also the 2003 AIChE Institute Lecture and received the 1993 Computing in Chemical Engineering Award, from AIChE's CAST Division. He has also received the C. McGraw Award for Research from ASEE ('86) and the 1977 Dreyfus Teacher and Scholar Award. Computers and Chemical Engineering have selected his papers twice for the Best Paper Award (1987, 1992). He has given honorary lectureships at Princeton University (Wilhelm Lectures, 2009); ETH-Zurich (Stodola Medal Lecture, 2009); Univ. of Delaware (Gerster Lecture, 2004); Imperial College (Sargent Lecture, 2000); Carnegie Mellon (2000); Purdue Univ. (Kelly Lectures, 1999); Univ. of Oklahoma (Fair Lecture, 1999); Rutgers Univ. (Merck Distinguished Lecture, 1992); CCONY (Katz Memorial Lecture, 1989); Univ. of Newcastle (The ICI Distinguished Lecture, 1988); Univ. of Bologna (Distinguished Lecturer for the 900th Anniversary, 1988); Caltech (The Dreyfus Lectures, 1982), and others.

He has been a member of several editorial boards, including the following: Process Systems Eng. Series, Academic Press; AIChE J.; Computers and Chemical Eng. J.; Artificial Intelligence in Engineering; Advances in Chemical Engineering.

George has authored/co-authored 7 books and co-edited 8. He is co-author to more than 210 papers.

Over the years he has mentored more than 40 PhD students, with 14 of them in academic positions around the world, and more than 30 M.S. students.